

IN THE CLAIMS

Please amend the claims as follows:

1-60 (Canceled).

61. (Previously Presented) A semiconductor laser drive apparatus comprising:
a modulation signal supply unit configured to supply a modulation signal to a semiconductor laser, the modulation signal controlling a drive operation of the semiconductor laser;

a bias current supply unit that is arranged parallel to the modulation signal supply unit and configured to supply a fixed bias current to the semiconductor laser; and

a control current supply unit that is arranged parallel to the modulation signal supply unit and configured to supply a control current to the semiconductor laser based on a switch operation controlled by a threshold-on signal, an amount of the control current controlled by a sample hold circuit which is controlled by a sample-hold signal independent from the modulation signal and samples a light emission threshold current of the semiconductor laser.

62-63 (Canceled).

64. (Previously Presented) The semiconductor laser drive apparatus according to claim 61, wherein the sample hold circuit is controlled by a sample-hold signal inputted from an external of the semiconductor laser drive apparatus.